(10)

Bruhat Bangalore Mahanagara Palike

BYTARAYANAPURA DIVISION

Job No: 007-16-000043 26618

Name of Agency :- Benaka Developers and projects Pvt. Ltd

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)						
	Measurements recorded on:						
	Desilt	**Cum**					
	11th cross road						
	LHS 0-30		1	30.00	0.60	0.45	8.10
	30-60		1	30.00	0.60	0.45	8.10
	60-90		1	30.00	0.60	0.45	8.10
	90-120		1	30.00	0.60	0.45	8.10
	120-135.5		1	15.50	0.60	0.45	4.19
	11th cross road						
	RHS 0-30		1	30.00	0.60	0.40	7.20
	30-60		1	30.00	0.60	0.40	7.20
	60-90		1	30.00	0.60	0.40	7.20
	90-120		1	30.00	0.60	0.40	7.20
	120-135.5		1	15.50	0.60	0.40	3.72
	13th cross road						
	LHS 0-30		1	30.00	0.60	0.40	7.20
	30-60		1	30.00	0.60	0.40	7.20
	60-90		1	30.00	0.60	0.40	7.20
	90-116.2		1	26.20	0.60	0.40	6.29
	13th cross road						
	RHS 0-30		1	30.00	0.60	0.40	7.20
	30-60		1	30.00	0.60	0.40	7.20
	60-90		1	30.00	0.60	0.40	7.20
	90-116.2		1	26.20	0.60	0.40	6.29
	15th cross road						
	LHS 0-30		1	30.00	0.60	0.40	7.20
	30-60		1	30.00	0.60	0.40	7.20
	15th cross road						

BYH CONSULTING ENGINEERS Bangalore

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BENGALURU

Consultant

Assistant Engineer 1/10

Assistant Executive Engineer

Kodigehalli Sub Di

(11)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work		Unit	No.	L	B	D	Qty
	RHS	0-30		1	30.00	0.60	0.40	7.20
		30-60		1	30.00	0.60	0.40	7.20
	17th cross road							
	LHS	30-60		1	30.00	0.60	0.40	7.20
		60-85.60		1	25.60	0.60	0.40	6.14
	17th cross road							
	RHS	30-60		1	30.00	0.60	0.40	7.20
		60-85.60		1	25.60	0.60	0.40	6.14
	12th cross road							
	LHS	0-30		1	30.00	0.60	0.40	7.20
		30-48		1	18.00	0.60	0.40	4.32
	10th cross road					0.60	0.40	0.00
	LHS	0-30		1	30.00	0.60	0.40	7.20
		30-60		1	30.00	0.60	0.40	7.20
		60-90		1	30.00	0.60	0.40	7.20
		90-120		1	30.00	0.60	0.40	7.20
		120-122.40		1	2.40	0.60	0.40	0.58
	10th cross road					0.60	0.40	0.00
	RHS	0-30		1	30.00	0.60	0.40	7.20
		30-60		1	30.00	0.60	0.40	7.20
		60-90		1	30.00	0.60	0.40	7.20
		90-120		1	30.00	0.60	0.40	7.20
		120-122.40		1	2.40	0.60	0.40	0.58
	8th cross road							
	RHS	0-30		1	30.00	0.60	0.40	7.20
		30-60		1	30.00	0.60	0.40	7.20
		60-90		1	30.00	0.60	0.40	7.20
		90-115		1	25.00	0.60	0.40	6.00
	8th cross road							
	LHS	60-90		1	30.00	0.60	0.40	7.20
		90-205.		1	35.00	0.60	0.40	8.40
	6th cross road							
	LHS	0-30		1	30.00	0.60	0.40	7.20
		30-60		1	30.00	0.60	0.40	7.20
		60-90		1	30.00	0.60	0.40	7.20
		90-120		1	30.00	0.60	0.40	7.20

BVH CONSULTING ENGINEERS Bangalore

VENKATA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Consultant

Assistant Engineer 1/10

Assistant Executive Engineer

Assistant Executive Engineer Kodigehalli Sub Division.

(12)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	120-150		1	30.00	0.60	0.40	7.20
	150-174.80		1	24.80	0.60	0.40	5.95
	6th cross road						
	RHS 0-30		1	30.00	0.60	0.40	7.20
	30-60		1	30.00	0.60	0.40	7.20
	60-90		1	30.00	0.60	0.40	7.20
	90-120		1	30.00	0.60	0.40	7.20
	120-150		1	30.00	0.60	0.40	7.20
	150-174.80		1	24.80	0.60	0.40	5.95
	4th cross road						
	LHS 0-30		1	30.00	0.60	0.40	7.20
	30-60		1	30.00	0.60	0.40	7.20
	60-90		1	30.00	0.60	0.40	7.20
	90-103		1	3.00	0.60	0.40	0.72
	4th cross road						
	RHS 0-30		1	30.00	0.60	0.40	7.20
	30-60		1	30.00	0.60	0.40	7.20
	60-90		1	30.00	0.60	0.40	7.20
	90-103		1	3.00	0.60	0.40	0.72
	Over Burden Earth						
	10th cross road						
			3	5.00	1.75	0.30	7.88
			3	7.00	1.40	0.25	7.35
			4	5.00	1.80	0.35	12.60
			4	6.00	1.75	0.30	12.60
			2	4.00	1.40	0.35	3.92
	8th cross road						
			6	7.00	1.30	0.30	16.38
			3	5.00	1.50	0.35	7.88
	8th cross road						
			4	9.00	1.50	0.30	16.20
			3	5.00	1.50	0.25	5.63
	6th cross road						

BVH CONSULTING ENGINEERS Bangalore

Consultant

DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer 1/10

Assistant Executive Engineer 1/10

Assistant Executive Engineer
Kodigehalli Sub Division,

(13)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
			3	5.00	1.50	0.20	4.50
			4	7.00	1.35	0.30	11.34
			3	9.00	1.85	0.30	14.99
			3	6.00	1.50	0.30	8.10
			2	8.00	1.90	0.30	9.12
			4	7.00	1.50	0.25	10.50
	6th cross road						
			3	8.00	1.50	0.20	7.20
			2	9.00	1.70	0.30	9.18
			4	6.00	1.85	0.20	8.88
					Total Qty Sqm		**596.62**

BVH CONSULTING ENGINEERS Bangalore

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,

(14)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
2	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)						
	Measurements recorded on:						
	11th cross Road						
	LHS						
	30-60 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	60-90 Bottom		1	15.00	0.45		6.75
	Sides		2	15.00	0.45		13.50
	RHS 0-30 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	30-60 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	60-90 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	120-135 Bottom		1	15.00	0.45		6.75
	Sides		2	15.00	0.45		13.50
	13th cross road						
	LHS 0-30 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	RHS 0-30 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	30-60 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	60-90 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	90-116 Bottom		1	26.00	0.45		11.70
	Sides		2	26.00	0.45		23.40

BVH CONSULTING ENGINEERS Bangalore

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer 10/10

Assistant Executive Engineer 10/10

Kodigehalli Sub Division

(15)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	15th cross road						
	RHS 0-30 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	30-60 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	LHS 0-30 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	30-60 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	17th cross road						
	RHS 30-60 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	60-80 Bottom		1	20.00	0.45		9.00
	Sides		2	20.00	0.45		18.00
	10th cross road						
	RHS 0-30 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	30-60 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	60-80 Bottom		1	20.00	0.45		9.00
	Sides		2	20.00	0.45		18.00
	8th cross road						
	RHS 0-30 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	30-60 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	60-90 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	90-115 Bottom		1	25.00	0.45		11.25
	Sides		2	25.00	0.45		22.50
	LHS 60-90 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	90-130Bottom		1	25.00	0.45		11.25
	Sides		2	25.00	0.45		22.50

BVH CONSULTING ENGINEERS Bangalore

Consultant

VENKATA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer 10/10

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.,

(16)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	4th cross road						
	RHS 0-30 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	60-90 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	90-100 Bottom		1	20.00	0.45		9.00
	Sides		2	20.00	0.45		18.00
	LHS 0-30 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	30-60 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
	60-80 Bottom		1	20.00	0.45		9.00
	Sides		2	20.00	0.45		18.00
	6th cross road						
	LHS 0-30		1	30.00	0.60	0.40	7.20
	30-60		1	30.00	0.60	0.40	7.20
	Missing slabs						
	11th cross Road						
	LHS						
	30-60 Bottom		1	16.00	0.45		7.20
	Sides		2	8.00	0.45		7.20
	60-90 Bottom		1	6.00	0.45		2.70
	Sides		2	5.00	0.45		4.50
	RHS 0-30 Bottom		1	10.00	0.45		4.50
	Sides		2	12.00	0.45		10.80
	30-60 Bottom		1	15.00	0.45		6.75
	Sides		2	10.00	0.45		9.00
	60-90 Bottom		1	15.00	0.45		6.75
	Sides		2	9.00	0.45		8.10
	120-135 Bottom		1	8.00	0.45		3.60
	Sides		2	5.00	0.45		4.50

BVK CONSULTING ENGINEERS Bangalore

Consultant

SEKKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer 10/10

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

(17)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	13th cross road						
	LHS 0-30 Bottom		1	9.00	0.45		4.05
	Sides		2	5.00	0.45		4.50
	RHS 0-30 Bottom		1	10.00	0.45		4.50
	Sides		2	6.00	0.45		5.40
	30-60 Bottom		1	12.00	0.45		5.40
	Sides		2	9.00	0.45		8.10
	60-90 Bottom		1	13.00	0.45		5.85
	Sides		2	10.00	0.45		9.00
	90-116 Bottom		1	10.00	0.45		4.50
	Sides		2	8.00	0.45		7.20
	15th cross road						
	RHS 0-30 Bottom		1	16.00	0.45		7.20
	Sides		2	9.00	0.45		8.10
	30-60 Bottom		1	11.00	0.45		4.95
	Sides		2	10.00	0.45		9.00
	LHS 0-30 Bottom		1	13.00	0.45		5.85
	Sides		2	8.00	0.45		7.20
	30-60 Bottom		1	12.00	0.45		5.40
	Sides		2	10.00	0.45		9.00
	17th cross road						
	RHS 30-60 Bottom		1	9.00	0.45		4.05
	Sides		2	11.00	0.45		9.90
	60-80 Bottom		1	7.00	0.45		3.15
	Sides		2	8.00	0.45		7.20
	10th cross road						
	RHS 0-30 Bottom		1	14.00	0.45		6.30
	Sides		2	9.00	0.45		8.10
	30-60 Bottom		1	11.00	0.45		4.95
	Sides		2	10.00	0.45		9.00
	60-80 Bottom		1	6.00	0.45		2.70
	Sides		2	8.00	0.45		7.20

CONSULTING ENGINEERS Bangalore

Consultant

PRAKAA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer 10/10

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

(18)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	8th cross road						
	RHS 0-30 Bottom		1	13.00	0.45		5.85
	Sides		2	10.00	0.45		9.00
	30-60 Bottom		1	15.00	0.45		6.75
	Sides		2	8.00	0.45		7.20
	60-90 Bottom		1	14.00	0.45		6.30
	Sides		2	9.00	0.45		8.10
	90-115 Bottom		1	8.00	0.45		3.60
	Sides		2	13.00	0.45		11.70
	LHS 60-90 Bottom		1	9.00	0.45		4.05
	Sides		2	12.00	0.45		10.80
	90-130Bottom		1	6.00	0.45		2.70
	Sides		2	11.00	0.45		9.90
	4th cross road						
	RHS 0-30 Bottom		1	13.00	0.45		5.85
	Sides		2	10.00	0.45		9.00
	60-90 Bottom		1	11.00	0.45		4.95
	Sides		2	11.00	0.45		9.90
	90-100 Bottom		1	8.00	0.45		3.60
	Sides		2	7.00	0.45		6.30
	LHS 0-30 Bottom		1	12.00	0.45		5.40
	Sides		2	11.00	0.45		9.90
	30-60 Bottom		1	7.00	0.45		3.15
	Sides		2	10.00	0.45		9.00
	60-80 Bottom		1	15.00	0.45		6.75
	Sides		2	10.00	0.45		9.00
					Total		**1619.10**
	Deduct for missing slabs						422.10
					Total Qty Sqm		**1197.00**

BVH CONSULTING ENGINEERS Bangalore

SEVAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Consultant

Assistant Engineer 10/10

Assistant Executive Engineer

Kodigehalli Sub Division,

(19)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
3	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick (P.No.25, I.No.5.31.2 of PW, P&IWTD SR 2016-17)						
	17th cross road						
	RHS 30-60		1	18.00	1.20		21.60
	60-80		1	20.00	1.20		24.00
					Total Qty Sqm		**45.60**

BVH CONSULTING ENGINEERS Bangalore

BENAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Consultant

Assistant Engineer 23/10

23/10

Assistant Executive Engineer

Assistant Executive Engineer, Kodigehalli Sub Division,

(20)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
4	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)						
	Missing slabs						
	11th cross Road						
	LHS						
	30-60 Bottom		1	16.00	0.45		7.20
	Sides		2	8.00	0.45		7.20
	60-90 Bottom		1	6.00	0.45		2.70
	Sides		2	5.00	0.45		4.50
	RHS 0-30 Bottom		1	10.00	0.45		4.50
	Sides		2	12.00	0.45		10.80
	30-60 Bottom		1	15.00	0.45		6.75
	Sides		2	10.00	0.45		9.00
	60-90 Bottom		1	15.00	0.45		6.75
	Sides		2	9.00	0.45		8.10
	120-135 Bottom		1	8.00	0.45		3.60
	Sides		2	5.00	0.45		4.50
	13th cross road						
	LHS 0-30 Bottom		1	9.00	0.45		4.05
	Sides		2	5.00	0.45		4.50
	RHS 0-30 Bottom		1	10.00	0.45		4.50
	Sides		2	6.00	0.45		5.40
	30-60 Bottom		1	12.00	0.45		5.40
	Sides		2	9.00	0.45		8.10
	60-90 Bottom		1	13.00	0.45		5.85
	Sides		2	10.00	0.45		9.00
	90-116 Bottom		1	10.00	0.45		4.50
	Sides		2	8.00	0.45		7.20

BVH CONSULTING ENGINEERS Bangalore

BEVARA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Consultant

Assistant Engineer 20/10

Assistant Executive Engineer 20/10

Assistant Executive Engineer
Kodigehalli Sub Division,

(21)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	15th cross road						
	RHS 0-30 Bottom		1	16.00	0.45		7.20
	Sides		2	9.00	0.45		8.10
	30-60 Bottom		1	11.00	0.45		4.95
	Sides		2	10.00	0.45		9.00
	LHS 0-30 Bottom		1	13.00	0.45		5.85
	Sides		2	8.00	0.45		7.20
	30-60 Bottom		1	12.00	0.45		5.40
	Sides		2	10.00	0.45		9.00
	17th cross road						
	RHS 30-60 Bottom		1	9.00	0.45		4.05
	Sides		2	11.00	0.45		9.90
	60-80 Bottom		1	7.00	0.45		3.15
	Sides		2	8.00	0.45		7.20
	10th cross road						
	RHS 0-30 Bottom		1	14.00	0.45		6.30
	Sides		2	9.00	0.45		8.10
	30-60 Bottom		1	11.00	0.45		4.95
	Sides		2	10.00	0.45		9.00
	60-80 Bottom		1	6.00	0.45		2.70
	Sides		2	8.00	0.45		7.20
	8th cross road						
	RHS 0-30 Bottom		1	13.00	0.45		5.85
	Sides		2	10.00	0.45		9.00
	30-60 Bottom		1	15.00	0.45		6.75
	Sides		2	8.00	0.45		7.20
	60-90 Bottom		1	14.00	0.45		6.30
	Sides		2	9.00	0.45		8.10
	90-115 Bottom		1	8.00	0.45		3.60
	Sides		2	13.00	0.45		11.70
	LHS 60-90 Bottom		1	9.00	0.45		4.05
	Sides		2	12.00	0.45		10.80
	90-130Bottom		1	6.00	0.45		2.70
	Sides		2	11.00	0.45		9.90

BVH CONSULTING ENGINEERS Bangalore

BEKAY DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Consultant

Assistant Engineer 20/10

Assistant Executive Engineer
Kodigehalli Sub Division,

22

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	4th cross road						
	RHS 0-30 Bottom		1	13.00	0.45		5.85
	Sides		2	10.00	0.45		9.00
	60-90 Bottom		1	11.00	0.45		4.95
	Sides		2	11.00	0.45		9.90
	90-100 Bottom		1	8.00	0.45		3.60
	Sides		2	7.00	0.45		6.30
	LHS 0-30 Bottom		1	12.00	0.45		5.40
	Sides		2	11.00	0.45		9.90
	30-60 Bottom		1	7.00	0.45		3.15
	Sides		2	10.00	0.45		9.00
	60-80 Bottom		1	15.00	0.45		6.75
	Sides		2	10.00	0.45		9.00
	NEW DRAIN						
	17th cross road						
	0-30 Bottom		1	30.00	0.45		13.50
	Sides		2	30.00	0.45		27.00
					Total Qty Sqm		**462.60**

BVH CONSULTING ENGINEERS Bangalore

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer 20/10

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division.

23

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
10	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13. (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2015-16)						
	Measurements recorded on:						
	4th cross road						
	30-60		2	13.80	0.6	0.45	7.45
	60-90		2	14.00	0.6	0.45	7.56
					Total Qty Cum		**15.01**

BYH CONSULTING ENGINEERS Bangalore

SHAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Consultant

Assistant Engineer 27/10/18

Assistant Executive Engineer

Assistant Executive Engineer, Kodigehalli Sub Division

24

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
11	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.112, I.No.15.1 of PW, P&IWTD S.R 2015-16)						
	Measurements recorded on:						
	4th cross road						
	30-60		2	13.80		0.45	12.42
	60-90		2	14.00		0.45	12.60
					TOTAL QTY Sqm		**25.02**

BHT CONSULTING ENGINEERS Bangalore

Consultant

BEXAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer

27/10/18

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

25

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
12	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2015-16)						
	Measurements recorded on:						
	Coping for Culverts	**Cum**					
	4th cross road						
	30-60		2	13.80	0.45	0.10	1.24
	60-90		2	14.00	0.45	0.10	1.26
	for slop of culvert		2	16.00	0.45	0.15	2.16
					TOTAL QTY Cum		**4.66**

BVH CONSULTING ENGINEERS Bangalore

Consultant

BEKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer 22/10/18

Assistant Executive Engineer 22/10

Assistant Executive Engineer, Kodigehalli Sub Division

(26)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
17	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)						
	Measurements recorded on:						
	Road Portion						
	11th cross road						
	0-30		1	4.50	1.58	0.25	1.77
	30-60		1	3.94	1.64	0.25	1.62
	60-90		1	6.18	1.64	0.25	2.53
	90-120		1	6.93	0.95	0.25	1.65
	120-135.5		1	4.13	1.50	0.25	1.55
	13th cross road						
	0-30		1	4.33	1.20	0.25	1.30
	30-60		1	7.16	0.73	0.25	1.30
	60-90		1	5.99	1.86	0.25	2.78
	90-116.2		1	2.99	2.15	0.25	1.61
	15th cross road						
	0-30		1	4.42	1.70	0.25	1.88
	30-60		1	5.94	1.55	0.25	2.30
	60-90		1	6.30	1.11	0.25	1.75
	90-113.8		1	6.09	1.93	0.25	2.93
	17th cross road						
	0-30		1	1.60	0.42	0.25	0.17
	30-60		1	4.80	1.23	0.25	1.48
	60-85.60		1	2.89	1.87	0.25	1.35
	12th cross road						
	0-30		1	2.17	1.88	0.25	1.02
	30-48		1	3.95	1.80	0.25	1.78
	10th cross road					0.25	0.00
	0-30		1	4.81	1.51	0.25	1.82
	30-60		1	3.60	1.24	0.25	1.12
	60-90		1	4.52	1.33	0.25	1.51
	90-122.40		1	8.61	1.50	0.25	3.23
	8th cross road						

BVH CONSULTING ENGINEERS ★ Bangalore

Consultant

RENUKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer 1/11

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

(27)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	0-30		1	3.38	1.33	0.25	1.12
	30-60		1	4.29	1.28	0.25	1.37
	60-90		1	1.13	0.70	0.25	0.20
	90-120		1	2.29	0.66	0.25	0.38
	120-150		1	3.03	0.80	0.25	0.61
	150-180		1	3.03	1.03	0.25	0.78
	180-195		1	2.77	1.10	0.25	0.76
	195-206.8		1	2.00	1.10	0.25	0.55
	6th cross road						
	0-30		1	9.38	0.81	0.25	1.91
	30-60		1	8.68	0.56	0.25	1.21
	60-90		1	8.39	0.87	0.25	1.83
	90-120		1	9.88	0.88	0.25	2.18
	120-150		1	4.40	1.07	0.25	1.17
	150-174.80		1	1.04	0.66	0.25	0.17
	4th cross road						
	0-30		1	5.72	1.52	0.25	2.18
	30-60		1	6.20	1.22	0.25	1.88
	60-90		1	4.80	1.30	0.25	1.56
	90-103		1	2.20	1.62	0.25	0.89
					TOTAL QTY Cum		**59.18**

BVH CONSULTING ENGINEERS Bangalore

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,

28

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
20	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)						
	Measurements recorded on:						
	11th cross road						
	0-30		1	4.50	1.58	0.25	1.77
	30-60		1	3.94	1.64	0.25	1.62
	60-90		1	6.18	1.64	0.25	2.53
	90-120		1	6.93	0.95	0.25	1.65
	120-135.5		1	4.13	1.50	0.25	1.55
	13th cross road						
	0-30		1	4.33	1.20	0.25	1.30
	30-60		1	7.16	0.73	0.25	1.30
	60-90		1	5.99	1.86	0.25	2.78
	90-116.2		1	2.99	2.15	0.25	1.61
	15th cross road						
	0-30		1	4.42	1.699	0.25	1.88
	30-60		1	5.94	1.55	0.25	2.30
	60-90		1	6.39	1.11	0.25	1.78
	90-113.8		1	6.09	1.93	0.25	2.93

BVH CONSULTING ENGINEERS Bangalore

Consultant

SHAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

29

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	17th cross road					0.25	0.00
	0-30		1	1.68	0.42	0.25	0.17
	30-60		1	4.81	1.23	0.25	1.48
	60-85.60		1	2.89	1.87	0.25	1.35
	12th cross road						
	0-30		1	2.17	1.88	0.25	1.02
	30-48		1	3.95	1.80	0.25	1.78
	10th cross road					0.25	0.00
	0-30		1	4.81	1.51	0.25	1.82
	30-60		1	3.60	1.24	0.25	1.12
	60-90		1	4.52	1.33	0.25	1.51
	90-122.40		1	8.61	1.50	0.25	3.23
	8th cross road						
	0-30		1	3.38	1.80	0.25	1.52
	30-60		1	4.29	1.40	0.25	1.50
	60-90		1	1.13	1.60	0.25	0.45
	90-120		1	2.29	1.00	0.25	0.57
	120-150		1	3.03	1.20	0.25	0.91
	150-180		1	3.03	1.50	0.25	1.14
	180-195		1	2.77	1.10	0.25	0.76
	195-206.8		1	2.00	1.10	0.25	0.55
	6th cross road						
	0-30		1	9.38	0.81	0.25	1.91
	30-60		1	8.68	0.56	0.25	1.21
	60-90		1	8.39	0.87	0.25	1.83
	90-120		1	9.88	0.88	0.25	2.18
	120-150		1	4.40	1.07	0.25	1.17
	150-174.80		1	1.04	0.66	0.25	0.17
	4th cross road						
	0-30		1	5.72	1.52	0.25	2.18
	30-60		1	6.27	1.22	0.25	1.90
	60-90		1	4.87	1.30	0.25	1.58
	90-103		1	2.28	1.62	0.25	0.92
					TOTAL QTY Cum		**60.92**

BVK CONSULTING ENGINEERS Bangalore

BALAJI DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Consultant

Assistant Engineer 6/11

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

30

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
21	KSRRB M500-6. Providing and applying **primer coat with S.S. bitumen emulsion on prepared surface of granular base** such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg /sqm using mechanical means complete as per specifications.As per MORTH Specification No. 502 with all lead and lift loading and unloading and all other incidential charges etc.complete as per specification and direction of the engineer-in-charge of the work						
	Measurements recorded on:						
	Road Portion						
	11th cross road						
	0-30		1	4.50	1.58		7.09
	30-60		1	3.94	1.64		6.46
	60-90		1	6.18	1.64		10.11
	90-120		1	6.93	0.95		6.59
	120-135.5		1	4.13	1.50		6.19
	13th cross road						
	0-30		1	4.33	1.20		5.19
	30-60		1	7.16	0.73		5.21
	60-90		1	5.99	1.86		11.11
	90-116.2		1	2.99	2.15		6.43
	15th cross road						
	0-30		1	4.42	1.699		7.50
	30-60		1	5.94	1.55		9.21
	60-90		1	6.39	1.11		7.11
	90-113.8		1	6.09	1.93		11.73
	17th cross road						
	0-30		1	1.68	0.42		0.70
	30-60		1	4.81	1.23		5.93
	60-85.60		1	2.89	1.87		5.42
							0.00

CONSULTING ENGINEERS BUYH Bangalore

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

(31)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	12th cross road						0.00
	0-30		1	2.17	1.88		4.08
	30-48		1	3.95	1.80		7.11
	10th cross road						
	0-30		1	4.81	1.51		7.26
	30-60		1	3.60	1.24		4.48
	60-90		1	4.52	1.33		6.03
	90-122.40		1	8.61	1.50		12.92
	8th cross road						
	0-30		1	3.38	1.80		6.08
	30-60		1	4.29	1.40		6.00
	60-90		1	1.13	1.60		1.81
	90-120		1	2.29	1.00		2.29
	120-150		1	3.03	1.20		3.64
	150-180		1	3.03	1.50		4.55
	180-195		1	2.77	1.10		3.04
	195-206.8		1	2.00	1.10		2.20
	6th cross road						
	0-30		1	9.38	0.81		7.62
	30-60		1	8.68	0.56		4.83
	60-90		1	8.39	0.87		7.33
	90-120		1	9.88	0.88		8.72
	120-150		1	4.40	1.07		4.69
	150-174.80		1	1.04	0.66		0.69
	4th cross road						
	0-30		1	5.72	1.52		8.71
	30-60		1	6.27	1.22		7.62
	60-90		1	4.87	1.30		6.33
	90-103		1	2.28	1.62		3.69
					Total Qty Sqm		**243.68**

BVH CONSULTING ENGINEERS Bangalore

Consultant

JEYAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer 10/11

Assistant Executive Engineer

Kodigehalli Sub Divisio

32

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
22	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)						
	Measurements recorded on:						
	Road Cut Portion						
	11th cross road						
	0-30		1	30.00	(5+4+3.7)/3		127.00
	30-60		1	30.00	(3.7+4+4.4)/3		121.00
	60-90		1	30.00	(4.4+4+4.2)/3		126.00
	90-120		1	30.00	(4.2+3.9+3.9)/3		120.00
	120-136		1	16.00	(3.9+3.6)/2		60.00
	13th cross road						
	0-30		1	30.00	(4.5+4+3.8)/3		123.00
	30-60		1	30.00	(3.8+4.2+4.2)/3		122.00
	60-90		1	30.00	(4.2+4.5+4.6)/3		133.00
	90-118		1	28.00	(4.6+4.6+4.2)/3		125.07
	15th cross road						
	0-30		1	30.00	(4.7+4.2+4)/3		129.00
	30-60		1	30.00	(4+4.8+5)/3		138.00
	60-90		1	30.00	(5+5.5+4.2)/3		147.00
	90-115		1	25.00	(4.2+5.5+5)/3		122.50
	17th cross road						
	0-30		1	30.00	(5.2+5+4)/3		142.00
	30-60		1	30.00	(4+5+4.4)/3		134.00
	60-86		1	26.00	(4.4+5+5)/3		124.80

BVH CONSULTING ENGINEERS Bangalore

Consultant

PRATIKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer 12/11

Assistant Executive Engineer
Kodigehalli Sub Division,

(33)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	12th cross road						
	0-30		1	30.00	(6.1+4.9+4.8)/3		158.00
	30-48		1	18.00	(4.8+5.6)/2		93.60
	10th cross road						
	0-30		1	30.00	(5.6+4.8+4.4)/3		148.00
	30-60		1	30.00	(4.4+4+5)/3		134.00
	60-90		1	30.00	(5+4.7+4)/3		137.00
	90-120		1	30.00	(4+5+6.6)/2		234.00
	120-124		1	4.00	(6.6+6)/2		25.20
	8th cross road						
	0-30		1	30.00	(7.4+7.4+6.4)/3		212.00
	30-60		1	30.00	(6.4+6.5+5.4)/3		183.00
	60-90		1	30.00	(5.4+6.4+6.5)/3		183.00
	90-120		1	30.00	(6.5+8+7.4)/3		219.00
	120-150		1	30.00	(7.4+7+7.5)/3		219.00
	150-180		1	30.00	(7.5+7.5+7.7)/3		227.00
	180-195		1	15.00	(7.7+10.6)/2		137.25
	195-208		1	13.00	(10.6+11.1)/2		141.05
	6th cross road						
	0-30		1	30.00	(3.8+4.8+4.5)/3		131.00
	30-60		1	30.00	(4.5+5+4)/3		135.00
	60-90		1	30.00	(4+5+4.3)/3		133.00
	90-120		1	30.00	(4.3+4.1+3.9)/3		123.00
	120-150		1	30.00	(3.9+4+4)/3		119.00
	150-175		1	25.00	(4+4.9)/2		111.25
	4th cross road						
	0-30		1	30.00	(4.2+4+2.8)/3		110.00
	30-60		1	30.00	(2.8+4+3.4)/3		102.00
	60-90		1	30.00	(3.4+4+3.5)/3		109.00
	90-104		1	14.00	(3.5+3.7)/2		50.40
							5569.12
	Dedution of primer coat						243.68
					Total qty		**5325.44**

BVH CONSULTING ENGINEERS Bangalore

Consultant

VEKAYAKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer 16/11

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,

(34)

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
23	KSRRB 500-7. Providing and applying **tack coat using 80/100 grade bitumen**(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH Chapter 5 with all lead and lift loading and unloading and all other incidential charges etc.complete as per specification and direction of the engineer-in-charge of the work						
	Measurement recorded on:						
	11th cross road						
	0-30		1	30.00	(5+4+3.7)/3		127.00
	30-60		1	30.00	(3.7+4+4.4)/3		121.00
	60-90		1	30.00	(4.4+4+4.2)/3		126.00
	90-120		1	30.00	(4.2+3.9+3.9)/3		120.00
	120-136		1	16.00	(3.9+3.6)/2		60.00
	13th cross road						
	0-30		1	30.00	(4.5+4+3.8)/3		123.00
	30-60		1	30.00	(3.8+4.2+4.2)/3		122.00
	60-90		1	30.00	(4.2+4.5+4.6)/3		133.00
	90-118		1	28.00	(4.6+4.6+4.2)/3		125.07
	15th cross road						
	0-30		1	30.00	(4.7+4.2+4)/3		129.00
	30-60		1	30.00	(4+4.8+5)/3		138.00
	60-90		1	30.00	(5+5.5+4.2)/3		147.00
	90-115		1	25.00	(4.2+5.5+5)/3		122.50
	17th cross road						
	0-30		1	30.00	(5.2+5+4)/3		142.00
	30-60		1	30.00	(4+5+4.4)/3		134.00
	60-86		1	26.00	(4.4+5+5)/3		124.80
	12th cross road						
	0-30		1	30.00	(6.1+4.9+4.8)/3		158.00
	30-48		1	18.00	(4.8+5.6)/2		93.60

MD 12/11

16/11

BVH CONSULTING ENGINEERS Bangalore

Consultant

JANNA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division,

35

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	10th cross road						
	0-30		1	30.00	(5.6+4.8+4.4)/3		148.00
	30-60		1	30.00	(4.4+4+5)/3		134.00
	60-90		1	30.00	(5+4.7+4)/3		137.00
	90-120		1	30.00	(4+5+6.6)/2		234.00
	120-124		1	4.00	(6.6+6)/2		25.20
	8th cross road						
	0-30		1	30.00	(7.4+7.4+6.4)/3		212.00
	30-60		1	30.00	(6.4+6.5+5.4)/3		183.00
	60-90		1	30.00	(5.4+6.4+6.5)/3		183.00
	90-120		1	30.00	(6.5+8+7.4)/3		219.00
	120-150		1	30.00	(7.4+7+7.5)/3		219.00
	150-180		1	30.00	(7.5+7.5+7.7)/3		227.00
	180-195		1	15.00	(7.7+10.6)/2		137.25
	195-208		1	13.00	(10.6+11.1)/2		141.05
	6th cross road						
	0-30		1	30.00	(3.8+4.8+4.5)/3		131.00
	30-60		1	30.00	(4.5+5+4)/3		135.00
	60-90		1	30.00	(4+5+4.3)/3		133.00
	90-120		1	30.00	(4.3+4.1+3.9)/3		123.00
	120-150		1	30.00	(3.9+4+4)/3		119.00
	150-175		1	25.00	(4+4.9)/2		111.25
	4th cross road						
	0-30		1	30.00	(4.2+4+2.8)/3		110.00
	30-60		1	30.00	(2.8+4+3.4)/3		102.00
	60-90		1	30.00	(3.4+4+3.5)/3		109.00
	90-104		1	14.00	(3.5+3.7)/2		50.40
					Total Qty Sqm		**5569.12**

BVH CONSULTING ENGINEERS Bangalore

Consultant

BHAVIKA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

16/11/18

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division

Bill No :- 4th & part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
24	KSRRB M500-16. Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10, complete in all respects complete as per specification MORTH specification No. 507 (P.No.162 I.No. 21.17.6 of PW,P&IWTD S.R 2016-17)						
	Measurement recorded on:						
	11th cross road						
	0-30		1	4.50	1.60	0.05	0.36
	30-60		1	3.90	1.65	0.05	0.32
	60-90		1	6.20	1.65	0.05	0.51
	90-120		1	6.90	1.30	0.05	0.45
	120-135.5		1	4.20	1.50	0.05	0.32
	13th cross road						
	0-30		1	4.30	1.20	0.05	0.26
	30-60		1	7.20	1.70	0.05	0.61
	60-90		1	6.00	1.85	0.05	0.56
	90-116.2		1	3.00	2.30	0.05	0.35
	15th cross road						
	0-30		1	4.50	2.1	0.05	0.47
	30-60		1	6.00	1.60	0.05	0.48
	60-90		1	6.40	1.90	0.05	0.61
	90-113.8		1	6.20	2.00	0.05	0.62
	17th cross road						
	0-30		1	1.80	1.50	0.05	0.14
	30-60		1	4.85	1.30	0.05	0.32
	60-85.60		1	2.90	1.90	0.05	0.28
	12th cross road						
	0-30		1	2.20	1.90	0.05	0.21
	30-48		1	4.00	1.80	0.05	0.36
	10th cross road						
	0-30		1	5.00	1.50	0.05	0.38
	30-60		1	3.60	1.30	0.05	0.23
	60-90		1	4.50	1.35	0.05	0.30
	90-122.40		1	8.60	2.30	0.05	0.99

BVH CONSULTING ENGINEERS Bangalore

Consultant

ARKAVA DEVELOPERS AND PROJECTS PVT. LTD. BANGALORE

Assistant Engineer 11/21

Assistant Executive Engineer

Assistant Executive Engineer

Bill No :- 4th & part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	8th cross road						
	0-30		1	3.50	1.80	0.05	0.32
	30-60		1	4.30	2.10	0.05	0.45
	60-90		1	1.20	1.60	0.05	0.10
	90-120		1	2.30	1.50	0.05	0.17
	120-150		1	3.30	2.30	0.05	0.38
	150-180		1	3.30	1.50	0.05	0.25
	180-195		1	2.80	1.80	0.05	0.25
	195-206.8		1	2.00	1.75	0.05	0.18
	6th cross road						
	0-30		1	9.50	1.80	0.05	0.86
	30-60		1	8.80	1.95	0.05	0.86
	60-90		1	8.50	1.90	0.05	0.81
	90-120		1	9.90	2.00	0.05	0.99
	120-150		1	4.40	2.05	0.05	0.45
	150-174.80		1	2.10	1.80	0.05	0.19
	4th cross road						
	0-30		1	5.80	1.60	0.05	0.46
	30-60		1	6.30	2.00	0.05	0.63
	60-90		1	4.90	2.20	0.05	0.54
	90-103		1	2.30	1.80	0.05	0.21
					Total Qty Cum		17.18

BVH CONSULTING ENGINEERS Bangalore

Consultant

BENAKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer, Sub Division

38

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
25	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)						
	Measurement recorded on:						
	11th cross road						
	0-30		1	30.00	(5+4+3.7)/3	0.04	5.08
	30-60		1	30.00	(3.7+4+4.4)/3	0.04	4.50
	60-90		1	30.00	(4.4+4+4.2)/3	0.04	5.04
	90-120		1	30.00	(4.2+3.9+3.9)/3	0.04	4.80
	120-136		1	16.00	(3.9+3.6)/2	0.04	2.40
	13th cross road						
	0-30		1	30.00	(4.5+4+3.8)/3	0.04	4.92
	30-60		1	30.00	(3.8+4.2+4.2)/3	0.04	4.88
	60-90		1	30.00	(4.2+4.5+4.6)/3	0.04	5.32
	90-118		1	28.00	(4.6+4.6+4.2)/3	0.04	5.00
	15th cross road						
	0-30		1	30.00	(4.7+4.2+4)/3	0.04	5.16
	30-60		1	30.00	(4+4.8+5)/3	0.04	5.52
	60-90		1	30.00	(5+5.5+4.2)/3	0.04	5.88
	90-115		1	25.00	(4.2+5.5+5)/3	0.04	4.90
	17th cross road						
	0-30		1	30.00	(5.2+5+4)/3	0.04	5.68
	30-60		1	30.00	(4+5+4.4)/3	0.04	5.36
	60-86		1	26.00	(4.4+5+5)/3	0.04	4.99

Consultant

Assistant Engineer 12/11/18

Assistant Executive Engineer 12/11

Kodigehalli Sub Division,

39

Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	12th cross road						
	0-30		1	30.00	(6.1+4.9+4.8)/3	0.04	6.32
	30-48		1	18.00	(4.8+5.6)/2	0.04	3.74
	10th cross road						
	0-30		1	30.00	(5.6+4.8+4.4)/3	0.04	5.92
	30-60		1	30.00	(4.4+4+5)/3	0.04	5.36
	60-90		1	30.00	(5+4.7+4)/3	0.04	5.48
	90-120		1	30.00	(4+5+6.6)/2	0.04	9.36
	120-124		1	4.00	(6.6+6)/2	0.04	1.01
	8th cross road						
	0-30		1	30.00	(7.4+7.4+6.4)/3	0.04	8.48
	30-60		1	30.00	(6.4+6.5+5.4)/3	0.04	7.32
	60-90		1	30.00	(5.4+6.4+6.5)/3	0.04	7.32
	90-120		1	30.00	(6.5+8+7.4)/3	0.04	8.76
	120-150		1	30.00	(7.4+7+7.5)/3	0.04	8.76
	150-180		1	30.00	(7.5+7.5+7.7)/3	0.04	9.08
	180-195		1	15.00	(7.7+10.6)/2	0.04	5.49
	195-208		1	13.00	(10.6+11.1)/2	0.04	5.64
	6th cross road						
	0-30		1	30.00	(3.8+4.8+4.5)/3	0.04	5.24
	30-60		1	30.00	(4.5+5+4)/3	0.04	5.40
	60-90		1	30.00	(4+5+4.3)/3	0.04	5.32
	90-120		1	30.00	(4.3+4.1+3.9)/3	0.04	4.92
	120-150		1	30.00	(3.9+4+4)/3	0.04	4.76
	150-175		1	25.00	(4+4.9)/2	0.04	4.45
	4th cross road						
	0-30		1	30.00	(4.2+4+2.8)/3	0.04	4.40
	30-60		1	30.00	(2.8+4+3.4)/3	0.04	4.08
	60-90		1	30.00	(3.4+4+3.5)/3	0.04	4.36
	90-104		1	4.00	(3.5+3.7)/2	0.04	0.58
					Total Qty Cum		**220.98**

CRFC 11/03

Consultant

Assistant Engineer 16/11/18

Assistant Executive Engineer
Kodigehalli Sub Division,

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Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
30	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)						
	Measurement recorded on:						
		Sqm					
	Edge line						
	11th cross road						
	Center Line						
	0-135.5		0.5	135.50	0.10		6.78
	13th cross road						
	Center Line						
	0-116.2		0.5	116.20	0.10		5.81
	15th cross road						
	Center Line						
	0-113.8		0.5	113.80	0.10		5.69
	17th cross road						
	Center Line						
	0-85.60		0.5	85.60	0.10		4.28
	12th cross road						
	Center Line						
	0-48		0.5	48.00	0.10		2.40
	10th cross road						
	Center Line						
	0-122.40		0.5	122.40	0.10		6.12
	8th cross road						

BVH CONSULTING ENGINEERS Bangalore

Consultant

BYATARAYANAPURA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P

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Bill No :- 4th & Part Bill

Name Of work : - PACKAGE 2 IMPROVEMENTS TO ROADS AND DRAINS CONSTRUCTION OF RO WATER PLANT BANGALURU ONE CENTER IN WARD NO. 7 AND 8 BYATARAYANAPURA DIVISION AS PER ANNEXURE GP NO UDD 217 SFC 2016 DATED 28.05.2016 WORKS SL.NO. FOR WARD NO.7, 12 TO 23 WARD NO. 8 24 TO 32.

Name of Estimate: Improvements to Roads, Drains and Footpath to Lottegollahalli Main Road near Jalageramma Temple Road in ward No 08 - Kodigehalli, Kodigehalli Sub Division.

BOQ Item No	Description of Work	Unit	No.	L	B	D	Qty
	RHS AND LHS 0-30		2	30.00	0.10		6.00
	30-60		2	30.00	0.10		6.00
	60-90		2	30.00	0.10		6.00
	90-120		2	30.00	0.10		6.00
	120-150		2	30.00	0.10		6.00
	150-180		2	30.00	0.10		6.00
	180-195		2	15.00	0.10		3.00
	195-206.8		2	11.80	0.10		2.36
	CENTER LINE						
	0-206.8		0.5	206.80	0.10		10.34
	6th cross road						
	Center Line						
	0-174.80		0.5	174.80	0.10		8.74
	4th cross road						
	Center Line						
	0-103		1	103.00	0.10		10.30
					Total Qty Sqm		**101.82**

BVH CONSULTING ENGINEERS Bangalore

Consultant

BEKA DEVELOPERS AND PROJECTS PVT LTD BANGALORE

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.